

Tuesday, July 7th 2015

NIST CC Forum Agenda

Theme: Cloud Standards Day

8:00 AM	Registration and Networking	Green Foyer
9:00 AM	Introduction to Forum and Workshop Robert Bohn, Cloud Computing Technical Program Manager, NIST	Red Auditorium
9:30 AM	Keynote 1: Introduction to JTC1 Cloud Development Efforts Karen Higginbottom, Hewlett Packard Company, Director, Standards Initiatives	Red Auditorium
10:15 AM	Plenary Session 1: Overview of SC38 Cloud Standards Donald Deutsch, Vice President Chief Standards Officer, Oracle	Red Auditorium
10:45 AM	Break (no-host)	NIST Cafeteria
11:00 AM	Plenary Session 2: Overview of Existing JTC1 Cloud Standards Moderator: Joel J. Fleck II, Head – Cloud Standards, Hewlett-Packard <ul style="list-style-type: none"> ➤ ISO/IEC 17788 ITU-T Y.3500 Cloud Computing – Vocabulary Overview, Eric Hibbard, Chief Technical Officer Security and Privacy, Hitachi Data Systems ➤ ISO/IEC 17789 ITU-T Y.3502 – Cloud Computing Reference Architecture Overview of Recommendation: Laura Lindsay, US National Standards Officer, Microsoft Corporation ➤ Cloud Security and SC27, Said Tabet, Senior Technologist CTO Office, EMC 	Red Auditorium
12:30 PM	Lunch (no host)	NIST Cafeteria
	Exhibits	Hall Of Flags
1:30 PM	Welcome Back and Afternoon Opening Remarks Willie E. May, Associate Director for Laboratory Programs, NIST	
1:40 PM	Plenary Session 3: Emerging JTC1 Cloud Standards Moderator: Steve Holbrook, IBM Program Director, International Software Standards <ul style="list-style-type: none"> ➤ ISO/IEC 19086 Standards for Cloud Service Level Agreements (SLAs), Michael John Edwards, Senior Technical Staff Member, IBM UK Ltd. ➤ ISO/IEC 19941 - Cloud Computing Interoperability and Portability: Joel Fleck, ISO/IEC JTC 1/SC 38 WG4 Convener, Hewlett-Packard ➤ ISO/IEC 19944 Data and their Flow across Devices and Cloud Services: Fernando Gebara Filho, ISO/IEC JTC 1/SC 38 WG5 Convener, Luciano Gebara Consultoria e Serviços Ltda 	
3:00 PM	Break (no host)	NIST Cafeteria
3:15 PM	Plenary Session 4: The World of Cloud Computing Standards Moderator: Donald Deutsch, Vice President Chief Standards Officer, Oracle <div style="display: flex; justify-content: space-between;"> <div>SNIA, Mark Carlson IEEE, Stephen L. Diamond</div> <div>The Open Group, Heather Kreger CSA, Laura Lindsay</div> </div>	Red Auditorium
4:30 PM	Moderated Panel 1: Future Direction of Cloud Standards Moderator: John Messina, Cloud Computing Program Senior Member, NIST <ul style="list-style-type: none"> ➤ Adoption of ISO/IEC 17826:2012, Mark Carlson, Storage Networking Industry Association, Vice-Chair SNIA Technical Council, Co-Chair Cloud Storage TWG ➤ Stephen L. Diamond, Global Standards Officer and General Manager of the Industry Standards Office, EMC Corporation ➤ Open Group's Platform 3.0 - Bringing together Cloud, Big Data, Mobile, and Internet of Things, Heather Kreger, IBM, CTO International Standards, IBM ➤ Laura Lindsay, US National Standards Officer, Microsoft Corporation ➤ Donald Deutsch, Vice President Chief Standards Officer, Oracle 	Red Auditorium
5:30 PM	Day 1 Closing Remarks Gordon Gillerman, Director of Standards Coordination Office, NIST	Red Auditorium

Wednesday, July 8th 2015

NIST CC Forum and Workshop Agenda

Theme: Security

8:00 AM	Registration and Networking	Green Foyer
9:00 AM	Opening Remarks Donna Dodson, Senior Cybersecurity Advisor, NIST and Director, NCCoE	Red Auditorium
9:10 AM	Michaela Iorga, Senior Technical Lead for Cloud Computing, NIST	Red Auditorium
9:30 AM	Keynote 1: Rethinking our Security Maps: Visibility As a Key Enabler in Any Security Strategy Zulfikar Ramzan, CTO, RSA Security	Red Auditorium
10:00 AM	Plenary Session 1: Overcoming obstacles when adopting cloud-based solutions Moderator: Anil Karmel, Founder and CEO, C2Labs <ul style="list-style-type: none"> ➤ Ron Rice, DISA Risk Management Directorate, Cyber Security Standards Branch ➤ Theresa Grafenstine, Inspector General at US House of Representatives ➤ John Connor, NIST ➤ Susie Adams, CTO, Microsoft Federal ➤ Sujit Mohanty, Chief Cloud Technologist, HP Hellion Cloud 	Red Auditorium
10:45 AM	Break (no host)	NIST Cafeteria
11:00 AM	Plenary Session 2: Unique Government Regulatory Requirements TIC/Cloud/Mobile Reconciliation-First Steps, Sara Mosley, Chief Enterprise Architect, DHS	Red Auditorium
11:30 AM	Plenary Session 3: Federal-sector Solutions for High-priority Security Requirements FedRAMP: Proving You Can Trust The Cloud, Matt Goodrich, Director, FedRAMP, GSA	Red Auditorium
12:00 PM	Plenary Session 4: Federal-sector Solutions for High-priority Security Requirements Kevin Dulany, Chief, Risk Management Framework Div., DoD-CIO	Red Auditorium
12:30 PM	Lunch (no-host) / Roundtables Exhibits	NIST Cafeteria Hall Of Flags
1:15 PM	Keynote 2: Everybody teaches cloud security - Why are we still getting it wrong? Eric Martin, VP, Corporate and Solutions Security, Avaya	Red Auditorium
1:45 PM	Plenary Session 5: Security Cloud Architectures and Overlay <ul style="list-style-type: none"> ➤ A Structured Security Overlay and its Applicability to Cloud, Harold Booth, NVD Project Lead, NIST ➤ A Heterogeneous Multi-Cloud Architecture for Superior Security, Availability and Performance, Vinay Purohit, Founder and CEO, CloudJunction, Inc. ➤ The Inheritable Cloud Security Model, Merrick Watchorn, SAIC 	
2:45 PM	Break (no-host)	NIST Cafeteria
3:00 PM	Plenary Session 6: Private-sector Solutions for High-priority Security Requirements Security Lessons Learned: Enterprise Adoption of Cloud Computing, Jim Reavis, co-Founder and CEO, Cloud Security Alliance	Red Auditorium
3:30 PM	Plenary Session 7: Development of Security Metrics for Service-Level Agreements Leveraging the potential of Cloud Security Service Level Agreements, Jesus Luna, Director for Research, Europe, Cloud Security Alliance	Red Auditorium
4:00 PM	Plenary Session 8: Privacy vs Security Moderator: Michaela Iorga, Senior Technical Lead for Cloud Computing, NIST <ul style="list-style-type: none"> ➤ Melvin Greer, Senior Fellow, Chief Strategist, Lockheed Martin ➤ Scott Coull, Research Scientist, RedJack ➤ Naomi Lefkowitz, Privacy Engineering Project Lead, NIST ➤ Jeffrey Ritter, External Lecturer, University of Oxford ➤ Ken E. Stavinoha, Technical Leader – Engineering, Security & Trust Organization, Cisco Systems ➤ Mark Potter, Principal Systems Security Officer, StrategicHealthSolutions, LLC 	Red Auditorium
4:45 PM	Day 2 Closing Remarks Donna Dodson, Senior Cybersecurity Advisor, NIST and Director, NCCoE	Red Auditorium

Thursday, July 9th 2015

NIST CC Forum and Workshop Agenda

Theme: Forensics – Track 1

8:00 AM	Registration and Networking	Green Foyer
9:00 AM	Opening Remarks James St. Pierre , Deputy Director of ITL, NIST	Red Auditorium
9:10 AM	Keynote 1: Cloud Forensics: Why Bother? Michael Panico , Director, Information and Content Security, Warner Bros. Entertainment Group	Red Auditorium
9:40 AM	Transition / Track Break	Red Auditorium
9:50 AM	Martin Herman , ITL Senior Advisor for Forensics and IT, NIST	Red Auditorium
10:00 AM	Plenary Session 1: e-Discovery Moderator: Martin Herman , ITL Senior Advisor for Forensics and IT, NIST <ul style="list-style-type: none"> ➤ Jeffrey Ritter, External Lecturer, University of Oxford ➤ Melvin Greer, Senior Fellow, Chief Strategist, Lockheed Martin ➤ Allison C. Stanton, Director of e-discovery, FOIA, records, Civil Division Department of Justice, ➤ Eric Hibbard, CTO, Security & Privacy, Hitachi Data Systems ➤ Matthew Wilkinson, Chief of Platform Services, NIST 	Red Auditorium
10:45 AM	Break (no-host)	NIST Cafeteria
11:00 AM	Plenary Session 2: Data Governance & e-Discovery <ul style="list-style-type: none"> ➤ Clouds, Sunshine, and Public Sector Information Governance: A Legal Perspective, Jason Baron, Counsel in the Information Governance and eDiscovery Group, Drinker Biddle & Reath, LLP 	Red Auditorium
11:30 AM	Plenary Session 3: Deletion in the Cloud & Data Integrity <ul style="list-style-type: none"> ➤ Danny Schilo, Senior Manager, Deloitte Forensic ➤ Forensic Considerations and Challenges Associated with Deletion in the Cloud, Robert Jackson, VP, Operations, SphereCom Enterprises ➤ Ensuring File Deletion in Cloud Storage Using Cloud Forensics, Sameer Sharma 	
12:30 PM	Lunch (no-host) Exhibits	NIST Cafeteria Hall Of Flags
1:15 PM	Keynote 2: Greg Virgin , President & CEO, RedJack	Red Auditorium
1:45 PM	Plenary Session 4: Time Synchronization & Root of Trust <ul style="list-style-type: none"> ➤ Time Can Be Foggy in the Cloud, Mike Salim, VP & CTO, American Data Technology, ➤ Cloud Root of Trust Platform, Ken E. Stavinoha, Technical Leader – Engineering, Security & Trust Organization, Cisco Systems ➤ Towards Trustworthy Cloud Forensics: Securing E-Discovery, Event Timelines, and the Chain of Custody for Digital Evidence in Clouds, Ragib Hassan, Assistant Professor, University of Alabama at Birmingham 	Red Auditorium
2:45 PM	Transition Break (no-host)	NIST Cafeteria
3:00 PM	Plenary Session 5: Root of Trust and Forensics Architecture <ul style="list-style-type: none"> ➤ Industrial Data Centric Security Using Blockchain Technology, Matt Johnson, CTO, Guardtime ➤ A Novel Trust and Transparency Strengthening Cloud Forensic Framework, Arati Dixit, Associate Professor, Savitribai Phule, Pune University, Pune, Maharashtra, India ➤ SCRATCH: Secure Cloud Resource Architecture Technology Computing Harness, Rodrigo Sardinas, Auburn University 	Red Auditorium
4:00 PM	Keynote 3: Mark Ryland , Senior Manager, AWS Security Programs, Amazon	Red Auditorium
4:30 PM	Q&A and Open Floor Discussion	Red Auditorium
4:45 PM	Day 3 Closing Remarks Ram Sriram , Chief, Software and Systems Division, NIST	Red Auditorium

Thursday, July 9th 2015

NIST CC Forum and Workshop Agenda

Theme: Cloud Research – Track 2

8:00 AM	Registration and Networking	Green Foyer
9:00 AM	Opening Remarks James St. Pierre , Deputy Director of ITL, NIST	Red Auditorium
9:10 AM	Keynote 1: Cloud Forensics: Why Bother? Michael Panico , Director, Information and Content Security, Warner Bros. Entertainment Group	Red Auditorium
9:40 AM	Transition / Track Break	
9:50 AM	Plenary Session 1: Next Steps for the Cloud Moderator: John Messina , Cloud Computing Program Senior Member, NIST <ul style="list-style-type: none"> ➤ Challenges in Adaptive Management for Cloud Environments, Joel Fleck, Head – Cloud Standards, Hewlett-Packard ➤ Taxonomy and use description for data in the cloud, Babak Jahromi, Cloud Standards Architect, Microsoft Corporation ➤ Future for Cloud Connectivity in a Software Defined World, Steven Woodward, CEO, Cloud Perspectives 	Green Auditorium
10:45 AM	Break (no-host)	
11:00 AM	Plenary Session 2: Measuring the Cloud Moderator: Eric Simmon , Cloud Computing Program Senior Member, NIST <ul style="list-style-type: none"> ➤ Cloud Metric Framework, Frederic de Vault, NIST CC Metrics PWG Chair ➤ Quantitative Clustering of Cloud Computing Projects for Better Standards Profiling, Neil Caithness, Senior Researcher, University of Oxford ➤ Predicting Global Failure Regimes in Complex Information Systems, Kevin Mills, NIST ➤ Eric Bauer, Reliability Engineering Manager, Alcatel-Lucent 	Green Auditorium
12:00 AM	Plenary Session 3: Recommendations for Cloud adoption: where are we? Emmanuel C. Darmois , CEO, CommLedge, France	Green Auditorium
12:30 PM	Lunch (no-host) Exhibits	NIST Cafeteria Hall Of Flags
1:15 PM	Plenary Session 4: Federated Clouds Moderator: John Messina , Cloud Computing Program Senior Member, NIST <ul style="list-style-type: none"> ➤ (Cloud) Federation Management, Craig A. Lee, Senior Scientist, The Aerospace Corporation ➤ Plug into the Supercloud, Hakim Weatherspoon, Professor, Cornell University ➤ Application Interoperability on Cloud, Swapnil Kulkarni, Senior Software Engineer, Red Hat, Program Manager - Standards & Interoperability at CCICI 	Green Auditorium
2:45 PM	Transition Break (no-host)	NIST Cafeteria
3:00 PM	Plenary Session 5: Root of Trust and Forensics Architecture <ul style="list-style-type: none"> ➤ Industrial Data Centric Security Using Blockchain Technology, Matt Johnson, CTO, Guardtime ➤ A Novel Trust and Transparency Strengthening Cloud Forensic Framework, Arati Dixit, Associate Professor, Savitribai Phule Pune University, Pune, Maharashtra, India ➤ SCRATCH: Secure Cloud Resource Architecture Technology Computing Harness, Rodrigo Sardinas, Auburn University 	Red Auditorium
4:00 PM	Keynote 3: Mark Ryland , Senior Manager, AWS Security Programs, Amazon	Red Auditorium
4:30 PM	Q&A and Open Floor Discussion	
4:45 PM	Day 3 Closing Remarks Ram Sriram , Chief, Software and Systems Division, NIST	Red Auditorium

Friday, July 10th 2015

NIST CC Forum and Workshop Agenda

Theme: Cloud Customer – Industry and Governments

8:00 AM	Registration and Networking	Green Foyer
9:00 AM	Opening Remarks Robert Bohn , Cloud Computing Technical Program Manager, NIST	Red Auditorium
9:10 AM	Keynote 1: Dawn Leaf , CIO, US Department of Labor	Red Auditorium
10:00 AM	Moderated Panel 1: Governmental Solutions and Needs Moderator: Robert Bohn , Cloud Computing Technical Program Manager, NIST <ul style="list-style-type: none"> ➤ Pearse O'Donohue, Head of Unit, Software & Services, Cloud European Commission, DG CONNECT ➤ Vijaykant R. Nadadur, Founder & CEO, Tationem ➤ Gunnar Hellekson, Chief Strategist, Red Hat US Public Sector 	Red Auditorium
10:45 AM	Break (no-host)	NIST Cafeteria
11:00 AM	Plenary Session 1: Cloud Acquisition Moderator: Annie Sokol , Cloud Computing Program Senior Member, NIST <ul style="list-style-type: none"> ➤ Escaping the IT Trap, Patrick T. Stingley, CTO Bureau of Land Management ➤ Focus on Cloud Customers, Skip Jentsch, IaaS Service Line Manager, GSA ➤ Enterprise Cloud: Not Just A Click-Through Agreement, Karen E. Petraska, Service Executive for Computing Services, NASA ➤ Buying Cloud Services, Sherwin McAdam, Office of Information Systems Management, NIST 	Red Auditorium
12:30 PM	Lunch (no-host) / Roundtables	NIST Cafeteria
	Exhibits	Hall Of Flags
1:30 PM	Plenary Session 2: Cloud Computing Service Level Agreements Moderator: Robert Bohn , Cloud Computing Program Manager, NIST <ul style="list-style-type: none"> ➤ Cloud Computing Service Level Agreements: ISO 19086 Standard – Part 1, Michael John Edwards, Senior Technical Staff Member, IBM UK Ltd. ➤ Cloud Computing Service Level Agreements: ISO 19086 Standard- Part 2, Eric Simmon, Cloud Computing Program Senior Member, NIST ➤ Automation of cloud SLAs and extracting metrics, Karuna Pande Joshi, Research Assistant Professor, University of Maryland, Baltimore County ➤ Practical Guide to Cloud Service Agreements, Michael John Edwards, Senior Technical Staff Member, IBM UK Ltd., CSCC 	Red Auditorium
2:45 PM	Break (no-host)	NIST Cafeteria
3:00 PM	Plenary Session 3: Cloud Services Moderator: Eric Simmon , Cloud Computing Program Senior Member, NIST <ul style="list-style-type: none"> ➤ Accessibility of, by, and for the Cloud, Jim Tobias, President, Inclusive Technologies ➤ Qualifying and Categorizing Cloud Services, Cary Landis, Executive Director, FedPlatform.org 	Red Auditorium
3:45 PM	Plenary Session 4: Cloud Partners Moderator: Robert Bohn , Cloud Computing Technical Program Manager, NIST <ul style="list-style-type: none"> ➤ Alan Sill, Senior Scientist, High Performance Computing Center Adjunct Professor of Physics, TTU; VP of Standards, Open Grid Forum ➤ Annie Sokol, Cloud Computing Program Senior Member, NIST 	Red Auditorium
4:45 PM	Day 4 Closing Remarks Robert Bohn , Cloud Computing Technical Program Manager, NIST	Red Auditorium